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Total Number of Pages in This Submission

Application Number	10/692,198
Filing Date	October 23, 2003
First Named Inventor	Jiaxiang Ren
Art Unit	3662
Examiner Name	Ian J. Lobo
Attorney Docket Number	PGS-03-18US

### ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<b>Remarks</b> Other: - Substitute Specification (Marked Up Version) - Substitute Specification (Clean Version) - Return Postcard		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Petroleum Geo-Services, Inc.		
Signature	<i>E. Eugene Thigpen</i>		
Printed name	E. Eugene Thigpen		
Date	August 3, 2005	Reg. No.	27,400

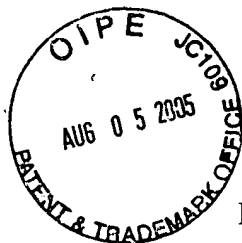
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Jiaxiang Ren, *et al.*

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Group Art Unit: 3662

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Serial No. 10/692,198

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Examiner: Ian J. Lobo

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Filed: October 23, 2003

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Title: METHOD FOR STABLE  
ESTIMATION OF  
ANISOTROPIC PARAMETERS  
FOR P-WAVE PRESTACK  
IMAGING

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Atty Docket No. PGS-03-18US

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*E. Eugene Thigpen*  
E. Eugene Thigpen

Date: August 3, 2005

**REPLY UNDER 37 CFR § 1.111**

**(A) Preliminary Remarks**

Sir:

In response to the Office Action dated, June 21, 2005 please reconsider the application in view of the amendments and remarks which follow.

Amendments to the Claims begin on page 2 of this Reply

Remarks/argument begin on page 4 of this Reply.

A substitute specification (including the Abstract, but not including the claims) is attached to the end of this Reply.